Plant Pathology

A record of current work on plant diseases and pests

INDEX
VOLUME 25, 1976

Author: *pages* iii-v
Subject: *pages* vi-viii

LONDON: HER MAJESTY'S STATIONERY OFFICE

AUTHOR INDEX

ADAMS, M. J. (*joint author*), see Lapwood, D. H., 31–3.

ADAMS, M. J., LAPWOOD, D. H. and RANKIN, BARBARA. The Growth of Red Beet and its Infection by *Streptomyces* spp., 147–51.

ALFORD, D. V. Damage to crops by *Glischrochilus hortensis* (Fourcroy) (Coleoptera: Nitidulidae), 60.

ALFORD, D. V. The Host Range of *Clepsis spectrana* (Treits.) (Lepidoptera: Tortricidae), 166.

ALFORD, D. V., WOODVILLE, H. C. and YARHAM, D. J. Occurrence of Bud Rot of Carnations in Hertfordshire, 116–7.

ALPHEY, T. J. W. (*joint author*), see Trudgill, D. L., 15–20.

BAKER, LILY A. E. (*joint author*), see Griffin, M. J., 108–14.

BARTLETT, P. W. Colorado Beetles Reported in England, Wales and Scotland, 1975, 44–7.

BLAKE, P. S. (*joint author*), see Hunter, L. D., 135–6.

BRIGGS, J. B. (*joint author*), see Price, D., 197–200.

COOK, R. J. Black Speck on Cabbage in Kent, 181–6.

COOK, R. J. *Sclerotinia* (*Botryotinia*) *porri* on Leeks, 165.

CRISP, A. F. (*joint author*), see Lapwood, D. H., 31–3.

DALE, W. T. and HARDWICK, N. V. Diseases of Outdoor-grown Tobacco, 57.

DAVIES, M. H. (*joint author*), see Mayor, J. G., 121–8.

DAVIS, R. P. (*joint author*), see Dennis, C., 57–8.

DENNIS, C., GROOM, R. W. and DAVIS, R. P. *Alternaria* Fruit Rot of Gooseberry, 57–8.

DIXON, G. M. (*joint author*), see Rogerson, J. P., 73–80.

DIXON, G. R. Methods Used in Western Europe and the U.S.A. for Testing *Brassica* Seedling Resistance to Club Root (*Plasmodiophora brassicae*), 129–34.

DODD, G. D. Key for the Identification of the Instars of the Cabbage Aphid (*Brevicoryne brassicae* (L.)), 84–6.

EVANS, S. G. Evaluation of Benomyl Soil Drenches for the Control of Verticillium and Fusarium Wilt of Carnations, 81–4.

FLETT, S. F. (*joint author*), see Humphreys-Jones, D. R., 208.

FOSTER, W. R., SEABY, D. A. and MALONE, J. P. Relationship between Day-length, Root Growth and Infection of *Chamaecyparis lawsoniana* var. *ellwoodii* by *Phytophthora cinnamomi* Rands, 201–4.

FRENCH, N. and WILSON, W. R. Influence of Crop Rotation, Weed Control and Nematicides on Spraing in Potatoes, 167–72.

FRENCH, W. M. Effects of Chlorpropham and Storage Temperature on an Abnormal Form of Skin Spot on Potato Tubers, 144–6.

GEARY, J. R. and WALL, CATHERINE J. Powdery Mildew on Carrots, 165.

GEESON, J. D. Storage Rot of White Cabbage Caused by *Phytophthora porri*, 115–6.

GIBSON, R. W. Effects of Cutting Height on the Abundance of the Eriophyid Mite *Abacarus hystrix* (Nalepa) and the Incidence of Ryegrass Mosaic Virus in Ryegrass, 152–6.

GRIFFIN, G. W. (*joint author*), see Melville, S. C., 99–107.

GRIFFIN, M. J. and BAKER, LILY A. E. Bacterial Wilt of Wallflowers Caused by *Xanthomonas campestris*, 108–14.

GRIFFITH, R. L. and HIDE, G. A. Effiicacy of Benomyl and Thiabendazole in Controlling Potato Gangrene Relative to the Time of Tuber Injury, 178–81.

GRIFFITHS, D. C., JEFFS, K. A., SCOTT, G. C., MASKELL, F. E. and ROBERTS, P. F. Relationships Between Control of Wheat Bulb Fly (*Leptohylemyia coarctata* (Fall.)) and Amounts of Dieldrin, Carbophenothion and Chlorfenvinphos on Treated Seed, 1–12.

GROOM, R. W. (*joint author*), see Dennis, C., 57–8.

HARDWICK, N. V. (*joint author*), see Dale, W. T., 57.

HARRISON, J. G. Hollow Heart of Field Bean (*Vicia faba* L.) Seeds, 87–8.

HAYMAN, G. (*joint author*), see Yarham, D. J., 59.

HIDE, G. A. (*joint author*), see Griffith, R. L., 178–81.

HOLMES, S. J. I. Pasmo Disease of Linseed in Scotland, 61.

HOWARD, H. W., LANGTON, F. A. and JELLIS, G. J. Testing for Field Susceptibility of Potato Tubers to Blight (*Phytophthora infestans*), 13–14.

HUMPHREYS-JONES, D. R. Leaf Blotch (*Glomerella cingulata* (Stonem.) Spauld. & Schrenk) on *Cissus antarctica* Vent., 115.

HUMPHREYS-JONES, D. R. Leaf Dieback (*Rhizoctonia solani* Kühn) of *Erica carnea* L., 56.
HUMPHREYS-JONES, D. R. and FLETT, S. F. Leaf Blotch (*Glomerella cingulata* (Stonem.) Spauld. & Schrenk) of *Codiaeum variegatum* (L.) Juss., 208.
HUNTER, L. D. and BLAKE, P. S. Unusual Herbicide Damage to Raspberries, 135–6.
HUNTER, T. Laburnum Bud Death caused by *Fusarium avenaceum*, 209.

ISAAC, I. (*joint author*), see Milton, J. M., 119–21.

JACKS, MARGARET (*joint author*), see Richardson, M. J., 21–30.
JEFFS, K. A. (*joint author*), see Griffiths, D. C., 1–12.
JELLIS, J. G. (*joint author*), see Howard, H. W., 13–14.
JEMMETT, J. L. (*joint author*), see Melville, S. C., 99–107.
JENKYN, J. F. Observations on Mildew Development in Winter Cereals: 1968–73, 34–43.
JONES, A. T. An Isolate of Cucumber Mosaic Virus from *Rubus phoenicolasius* Maxim., 137–40.

KING, J. E. Relationship between Yield Loss and Severity of Yellow Rust Recorded on a Large Number of Single Stems of Winter Wheat, 172–7.
KING, J. E. and POLLEY, R. W. Observations on the Epidemiology and Effect on Grain Yield of Brown Rust in Spring Barley, 63–73.

LANGTON, F. A. (*joint author*), see Howard, H. W., 13–14.
LAPWOOD, D. H. (*joint author*), see Adams, M. J., 147–51.
LAPWOOD, D. H., ADAMS, M. J. and CRISP, A. F. The Susceptibility of Red Beet Cultivars to *Streptomyces* Scab, 31–3.
LOCKE, T. and THORPE, I. G. Benomyl Tolerance in *Verticillium dahliae* Kleb., 59.

MALONE, J. P. (*joint author*), see Foster, W. R., 201–4.
MASKELL, F. E. (*joint author*), see Griffiths, D. C., 1–12.
MAYOR, J. G. and DAVIES, M. H. A Survey of Leatherjacket Populations in South-west England, 1963–74, 121–8.
MCKINLAY, R. G. *Spliostethus pandurus* (Scop.) (Hemiptera: Lygaeidae) in Scotland, 61–2.
MELVILLE, S. C., GRIFFIN, G. W. and JEMMETT, J. L. Effects of Fungicide Spraying on Brown Rust and Yield in Spring Barley, 99–107.
MILLER, G. W. Cold Storage as a Quarantine Treatment to Prevent the Introduction of *Spodoptera littoralis* (Boisd.) into Glasshouses in the U.K., 193–6.
MILTON, J. M. and ISAAC, I. Verticillium Wilt of Clover, 119–121.

POLLEY, R. W. (*joint author*), see King, J. E., 63–73.
PRICE, D. and BRIGGS, J. B. The Timing of Hot-water Treatment in Controlling *Fusarium oxysporum* Basal Rot of Narcissus, 197–200.

RANKIN, BARBARA (*joint author*), see Adams, M. J., 147–51.
RICHARDSON, D. E. Diagnosis of Potato Leaf Roll Virus in Post-harvest Glasshouse Tests, 141–3.
RICHARDSON, M. J., WHITTLE, A. M. and JACKS, MARGARET. Yield-loss Relationships in Cereals, 21–30.
ROBERTS, E. T. (*joint author*), see Taylor, R. E., 187–92.
ROBERTS, P. F. (*joint author*), see Griffiths, D. C., 1–12.
ROGERSON, J. P. and DIXON, G. M. The Distribution of Cabbage Root Fly Eggs in Large Fields of Swedes, 73–80.
RUSSELL, P. E. and WARBURG, P. W. *Fusarium culmorum* on *Phaseolus vulgaris*, 55–6.

SAYNOR, M. and SEAL, K. Observations on the Colonization and Egg-laying Behaviour of *Aphis fabae* Scop. on Various Species of *Euonymus*, 209–10.
SCOTT, G. C. (*joint author*), see Griffiths, D. C., 1–12.
SEABY, D. A. (*joint author*), see Foster, W. R., 201–4.
SEABY, D. A. and SWINBURNE, T. R. Protection of Pruning Wounds on Apple Trees from *Nectria galligena* Bres. using Modified Pruning Shears, 50–4.
SEAL, K. (*joint author*), see Saynor, M., 209–10.
SLY, J. M. A. (*joint author*), see Southall, D. R., 89–98.
SOUTHALL, D. R. and SLY, J. M. A. Routine Spraying of Potatoes to Control Aphids and Potato Blight during 1969–73, 89–98.
SPENCER, D. M. Pelargonium Rust and its Control by Fungicides, 156–61.
SWEET, J. B. Prunus Necrotic Ringspot Virus (PNRV) in Ornamental and Indigenous *Prunus* spp., 55.
SWINBURNE, T. R. (*joint author*), see Seaby, D. A., 50–4.

TAYLOR, R. E. and ROBERTS, T. E. Fungicidal Control of Yellow Rust on Winter Wheat in 1972: an Assessment of Farmers' Opinion, 187–92.

THORPE, J. G. (*joint author*), see Locke, T., 59.
TRUDGILL, D. L. and ALPHEY, T. J. W. Chemical Control of the Virus-vector Nematode *Longidorus elongatus* and of *Pratylenchus crenatus* in Raspberry Plantations, 15–20.
TRUDGILL, D. L. Observations on the Feeding of *Pungentus thornei* on the Roots of *Petunia hybrida*, 117–8.

WALL, CATHERINE J. (*joint author*), see Geary, J. R., 165.
WARBURG, P. W. (*joint author*), see Russell, P. E., 55–6.
WHITTLE, A. M. (*joint author*), see Richardson, M. J., 21–30.
WILSON, W. R. (*joint author*), see French, N., 167–72.
WOODVILLE, H. C. (*joint author*), see Alford, D. V., 116–7.

YARHAM, D. J. (*joint author*), see Alford, D. V., 116–7.
YARHAM, D. J. and HAYMAN, G. Dodder on Chrysanthemums, 59.

SUBJECT INDEX

Abacarus hystrix, 152.
Aldicarb for Control of:
  Longidorus elongatus, *Pratylenchus crenatus* and Raspberry Ringspot Virus, 17, 19.
  Spraing, 167.
Alternaria alternata, 58.
Aphis fabae, 209.
Aphis nasturtii, 89.
Apple: Protection of Pruning Wounds on Trees from *Nectria galligena* using Modified Pruning Shears, 50.
Ascochyta fabae, 206.
Aulacorthum solani, 89.

Bacillus subtilis for Protection against *Nectria galligena*, 51.
Barley:
  Effects of Fungicide Spraying on Brown Rust and Yield in Spring Barley, 99.
  Observations on Mildew Development in Winter Cereals, 1968–73, 34.
  Observations on the Epidemiology and Effect on Grain Yield of Brown Rust in Spring Barley, 63.
  Yield-loss Relationships in Cereals, 21.
Beans: *Fusarium culmorum* on *Phaseolus vulgaris*, 55.
Benodanil for Control of:
  Brown Rust on Spring Barley, 64.
  Pelargonium Rust, 159.
Benomyl:
  Evaluation of Soil Drenches for the Control of Verticillium and Fusarium Wilt of Carnations, 81.
  For Control of Black Speck, 183.
  For Control of Pelargonium Rust, 159.
  For Control of Potato Gangrene, 178.
  Tolerance in *Verticillium dahliae*, 59.
Botrytis cinerea, 206.
Botrytis fabae, 206.
Brassica: Methods Used in Western Europe and the U.S.A. for Testing Seedling Resistance to Club Root (*Plasmodiophora brassicae*), 129.
Bremia lactucae, 207.
Brevicoryne brassicae, 84.

Cabbage:
  Black Speck in Kent, 181.
  Storage Rot of White Cabbage caused by *Phytophthora porri*, 115.
Calcium Chloride for Control of Black Speck, 183.
Carbofuran for Control of Spraing, 167.
Carbophenothion: Control of Wheat Bulb Fly and Amount on Treated Seed, 1.
Carnation:
  Evaluation of Benomyl Soil Drenches for the Control of Verticillium and Fusarium Wilt, 81.
  Occurrence of Bud Rot in Hertfordshire, 116.
Carrot: Powdery Mildew, 165.
Chamaecyparis lawsoniana: Relationship between Day-length, Root Growth and Infection by *Phytophthora cinnamomi*, 201.
Chloraniformethan for Control of Yellow Rust on Winter Wheat, 192.
Chlorfenvinphos: Control of Wheat Bulb Fly and Amount on Treated Seed, 1.
Chlorpropham: Effect on an Abnormal Form of Skin Spot on Potato Tubers, 144.
Chrysanthemums:
  Cold Storage as Quarantine Treatment to Prevent Introduction of *Spodoptera littoralis* into Glasshouses in U.K., 193.
  Dodder on, 59.
Cissus: Leaf Blotch on *Cissus antarctica* 115.
Clepsis spectrana, 166.
Clover: Verticillium Wilt, 119.
Codiaeum variegatum: Leaf Blotch, 208.
Colorado Beetle:
  Beetles Reported in England, Wales and Scotland, 1975, 44.
Colloidal Sulphur for Control of Yellow Rust on Winter Wheat, 192.
Copper for Control of Yellow Rust on Winter Wheat, 192.
Copper Oxychloride for Protection against *Nectria galligena*, 51.
Cuscata planiflora, 59.

Dazomet for Control of *Longidorus elongatus*, *Pratylenchus crenatus* and Raspberry Ringspot Virus, 17, 19.
Dichlofluanid for Control of Black Speck, 183.
Dichloropropane-Dichloropropene for Control of *Longidorus elongatus*, *Pratylenchus crenatus* and Raspberry Ringspot Virus, 17, 19.
Didymella lycopersici, 207.
Dieldrin: Control of Wheat Bulb Fly and Amount on Treated Seed, 1.
Disease Assessment:
  Leaf Diseases on Spring Barley, 65, 101.
  Loss Caused by Various Cereal Diseases, 22.
  Manual of Plant Growth Stage and Disease Assessment Keys, 205.
  Yellow Rust on Winter Wheat, 173.
Disorder: Hollow Heart of Field Bean Seeds, 87.
Drechslera siccans, 206.

Erioischia brassicae, 73.
Erysiphe cruciferarum, 206.
Erysiphe graminis, 22, 34, 63, 99, 205.
Erysiphe heraclei, 165.
Ethirimol for Control of Powdery Mildew on Spring Barley, 65.

Euonymus: Colonization and Egg-laying Behaviour of *Aphis fabae* on Various Species, 209.

Fenamiphos for Control of Spraing, 167.
Field Bean: Hollow Heart of Seeds of *Vicia faba*, 87.
Forecasting: Leatherjacket Damage to Cereal Crops, 122.
Formaldehyde for Control of Basal Rot of Narcissus, 197.
Fulvia fulva, 207.
Fusarium avenaceum, 208.
Fusarium culmorum, 55.
Fusarium nivale, 21.
Fusarium oxysporum, 197, 206.
Fusarium oxysporum f. *dianthi*, 81.
Fusarium poae, 117.

Gaeumannomyces graminis, 205.
Glischrochilus hortensis, 60.
Glomerella cingulata, 115, 208.
Gooseberry: *Alternaria* Fruit Rot, 57.

Heath: Leaf Dieback of *Erica carnea*, 56.
Helminthosporium solani, 206.

Identification: Key for the Instars of the Cabbage Aphid, 84.

Laburnum: Bud Death caused by *Fusarium avenaceum*, 208.
Leatherjackets: Survey of Populations in South-west England, 1963–74, 121.
Leek: *Sclerotinia* (*Botryotinia*) *porri*, 165.
Leptinotarsa decemlineata, 44.
Leptohylemyia coarctata, 1.
Lettuce: Host Range of *Clepsis spectrana*, 166.
Linseed: Pasmo Disease in Scotland, 61.
Longidorus elongatus, 15.

Macrosiphum euphorbiae, 89, 137.
Mancozeb for Control of:
  Black Speck, 183.
  Yellow Rust on Winter Wheat, 192.
Maneb for Control of Yellow Rust on Winter Wheat, 192.
Mercury: Seed Treatment of Barley, 21.
Mycosphaerella linorum, 61.
Myzus persicae, 89.

Narcissus: Timing of Hot-water Treatment in Controlling *Fusarium oxysporum* Basal Rot, 197.
Nectria galligena, 50.
Nematodes:
  Chemical Control of *Longidorus elongatus* and *Pratylenchus crenatus* in Raspberry Plantations, 15.
  Observations on the Feeding of *Pungentus thornei* on the Roots of *Petunia hybrida*, 117.

Onion: Host Range of *Clepsis spectrana*, 166.
Oospora pustulans, 144, 206.
Oxamyl for Control of:
  Longidorus elongatus, *Pratylenchus crenatus*, Raspberry Ringspot Virus and Tomato Black Ring Virus, 17, 19.
  Spraing, 167.
Oxycarboxin for Control of:
  Brown Rust on Spring Barley, 99.
  Pelargonium Rust, 159.

Pelargonium: Rust and its Control by Fungicides, 156.
Peronospora tabacina, 57.
Petunia: Observations on the Feeding of *Pungentus thornei* on the Roots of *Petunia hybrida*, 117.
Phenylmercuric Nitrate (PMN) for Protection against *Nectria galligena*, 51.
Phoma exigua, 178.
Phorate for Control of Spraing, 167.
Phytophthora cinnamomi, 201.
Phytophthora infestans, 13, 89, 206.
Phytophthora nicotianae, 57.
Phytophthora porri, 115.
Phytotoxicity: Unusual Herbicide Damage to Raspberries, 135.
Pine: Host Range of *Clepsis spectrana*, 166.
Plasmodiophora brassicae, 129, 206.
'Poliverdol' Foliar Feed for Control of Black Speck, 183.
'Polyram' for Control of Yellow Rust on Winter Wheat, 192.
Potato:
  Diagnosis of Potato Leaf Roll Virus in Post-harvest Glasshouse Tests, 141.
  Effects of Chlorpropham and Storage Temperature on an Abnormal Form of Skin Spot on Tubers, 145.
  Efficacy of Benomyl and Thiabendazole in Controlling Gangrene Relative to Time of Tuber Injury, 178.
  Influence of Crop Rotation, Weed Control and Nematicides on Spraing, 167.
  Routine Spraying to Control Aphids and Blight during 1969–73, 89.
  Testing for Field Susceptibility of Tubers to Blight, 13.
Pratylenchus crenatus, 15.
Propineb for Control of Yellow Rust on Winter Wheat, 192.
Prunus: Prunus Necrotic Ringspot Virus in Ornamental and Indigenous spp., 55.
Pseudomonas viridiflava, 181.
Puccinia coronata, 206.
Puccinia hordei, 63, 99, 205.
Puccinia pelargonii-zonalis, 156.
Puccinia striiformis, 21, 172, 187, 205.
Pungentus thornei, 117.
Pyracarbolid for Control of Pelargonium Rust, 159.
Pyrenophora graminea, 21.

Quintozene for Control of *Longidorus elongatus*, *Pratylenchus crenatus* and Raspberry Ringspot Virus, 17, 19.

Raspberry:
Chemical Control of the Virus-vector Nematode *Longidorus elongatus* and of *Pratylenchus crenatus* in Plantations, 15.
Unusual Herbicide Damage, 135.
Red Beet:
Growth and Infection by *Streptomyces* spp., 147.
Susceptibility of Cultivars to *Streptomyces* Scab, 31.
Rhizoctonia solani, 21, 56, 206.
Rhubarb: Host Range of *Clepsis spectrana*, 166.
Rhynchosporium secalis, 205.
Ryegrass: Effects of Cutting Height on the Abundance of the Eriophyid Mite *Abacarus hystrix* and the Incidence of Ryegrass Mosaic Virus, 152.

Sclerotinia fructigena, 206.
Sclerotinia (*Botryotinia*) *porri*, 165.
Seed Testing of Wallflower for *Xanthomonas campestris*, 111.
Selenophoma donacis, 205.
Septoria nodorum, 205.
Siteroptes graminum, 117.
Slugs: Damage to Potato Tubers, 96.
Sphaerotheca macularis, 206.
Sphaerotheca mors-uvae, 206.
Spilostethus pandurus, 61.
Spodoptera littoralis, 193.
Stemphylium spp., 181.
Strawberry: Damage by *Glischrochilus hortensis*, 60.
Streptomyces scabies, 206.
Streptomyces spp., 31, 147.
Surveys:
Farmers' Opinion of Fungicidal Control of Yellow Rust on Winter Wheat in 1972, 187.
Leatherjacket Populations in South-west England, 1963–74, 121.
of Potato Crops for Incidence of Spraing, 167.
Swede: Distribution of Cabbage Root Fly Eggs in Large Fields, 73.
Sweet Corn: Damage by *Glischrochilus hortensis*, 60.

Thiabendazole for Control of Potato Gangrene, 178.
Tipula paludosa, 121.
Tobacco: Diseases of Outdoor-grown Tobacco, 57.
Tolerance to Fungicides: *Verticillium dahliae* to Benomyl, 59.
Tomato:
Benomyl Tolerance in *Verticillium dahliae*, 59.
Damage by *Glischrochilus hortensis*, 60.
Host Range of *Clepsis spectrana*, 166.
Tranzschelia pruni-spinosa, 206.
Traps and Trapping: Brown Rust spores over Spring Barley, 63.
Trichodorus spp., 167.
Tridemorph for Control of Yellow Rust on Winter Wheat, 192.
Triforine for Control of Pelargonium Rust, 159.
Turnip: Damage by *Glischrochilus hortensis*, 60.
2, 4-D: Damage to Raspberry Plants, 135.

Venturia inaequalis, 206.
Verticillium albo-atrum, 119, 206.
Verticillium cinerescens, 81.
Verticillium dahliae, 59, 119.
Verticillium tricorpus, 119.
Virus Diseases:
Diagnosis of Potato Leaf Roll Virus in Post-harvest Glasshouse Tests, 141.
Diseases of Outdoor-grown Tobacco, 57.
Effects of Cutting Height on the Abundance of the Eriophyid Mite *Abacarus hystrix* and the Incidence of Ryegrass Mosaic Virus in Ryegrass, 152.
Influence of Crop Rotation, Weed Control and Nematicides on Spraing in Potatoes, 167.
Isolate of Cucumber Mosaic Virus from *Rubus phoenicolasius*, 137.
Prunus Necrotic Ringspot Virus (PNRV) in Ornamental and Indigenous Prunus spp., 55.
Raspberry Ringspot Virus in Raspberry, 15.
Tomato Black Ring Virus in Strawberry, 15.

Wallflower: Bacterial Wilt Caused by *Xanthomonas campestris*, 108.
Weather in England and Wales:
Spring and Summer, 1975, 48.
Autumn and Winter, 1975–76, 163.
Wheat:
Fungicidal Control of Yellow Rust on Winter Wheat in 1972, 187.
Observations on Mildew Development in Winter Cereals, 1968–73, 34.
Relationships between Control of Wheat Bulb Fly and Amounts of Dieldrin, Carbophenothion and Chlorfenvinphos on Treated Seed, 1.
Relationship between Yield Loss and Severity of Yellow Rust on Single Stems of Winter Wheat, 172.
Yield-loss Relationships in Cereals, 21.
Wineberry: Isolate of Cucumber Mosaic Virus from *Rubus phoenicolasius*, 137.

Xanthomonas campestris, 108.

Zineb for Control of:
Black Speck, 183.
Brown Rust on Spring Barley, 99.
Pelargonium Rust, 159.
Yellow Rust on Winter Wheat, 192.

Dd 290022 K14 3/77 Ed (13952)